

Las Cruces

U. S. LAND OFFICE

SERIAL NUMBER

029339

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company W. H. McKinley Address 908 W5th St. Roswell, N. M.
Lessor or Tract NE 1/4 Sec. 1, T18S, R28E Field Square Lake State New Mexico
Well No. 1 Sec. 1 T. 17S R. 28E Meridian N. M. P. M County Eddy
Location 1980 ft. of N Line and 2310 ft. of E Line of Sec. 1 Elevation 3919
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date December 11, 1955 Signed W. H. McKinley Title Operator

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-10-55 Finished drilling 10-24-55

OIL OR GAS SANDS OR ZONES

No. 1, from 2494 to 2900 No. 4, from _____ to _____
No. 2, from 3143 to 3150 No. 5, from _____ to _____
No. 3, from 3110 to 3110 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 418 to 424 No. 3, from _____ to _____
No. 2, from 2310 to 2340 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
8 1/2	24	8rd	CF&I	600	steel			
7	20	8rd	CF&I	2380	steel	pulled		
5 1/2	14	8rd	CF&I	3110	steel			

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2	600	75	Halliburton		
7	2380	72 (mud)			
5 1/2	3110	65 (cemented to 2124 through perforations at 2500)			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from surface feet to 3164 feet, and from _____ feet to _____ feet

DATES

Put to producing November 16th, 19 55
The production for the first 24 hours was 20 barrels of fluid of which 100% was oil; _____ %
before fracing, after fracing 130 BOPD flowing, 100% oil Gravity, 37
emulsion; _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Smart _____, Driller
Walker _____, Driller
Settlemine _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30		Caliche
	50		Sand
	340		Red Beds
	260		Anhydrite
	375		Red Beds
	418		Anhydrite
	425		Lime Water
	435		Sand
	555		Red Rock & Anhydrite
	1095		Salt
	1115		Anhydrite
	1265		Salt
	2060		Anhydrite
	2075		Red Sand
	2310		Anhydrite
	2340		Sand
	2360		Anhydrite
	2384		Lime
	2745		Anhydrite
	2894		Lime
	2900		Sand ✓
	3020		Pink Sdy. Lime ✓
	3032		Sdy. Lime ✓
	3139		Brown Lime
	3143		Lime
	3150		Sand ✓
	3164		Lime

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

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The summary on this page is for the condition of the well at above date.
 Flowing 130 bbls. a day. Natural well flowed 20 bbls. oil per day.
 Placed with 341 bbls. oil and 5,500 lbs. sand, drilled plugs,
 11-12-55
 Lane well plug at 2948, perforated 2894 to 2910, 4 shots per foot.
 11-11-55
 no increase.
 29214, traced with 3,000 gallons of oil and 1,500 lbs. oil sand,
 11-10-55
 Placed with 10,000 gallons of oil and 4,500 lbs. sand, no increase
 11-4-55
 Placed with 10,000 gallons of oil and 15,00 pounds of sand
 3110 to 3104, no increase

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pigs or bridges were put in the well for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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PLUMBING AND CEMENTING RECORD

[illegible]

FORMATION RECORD—Continued